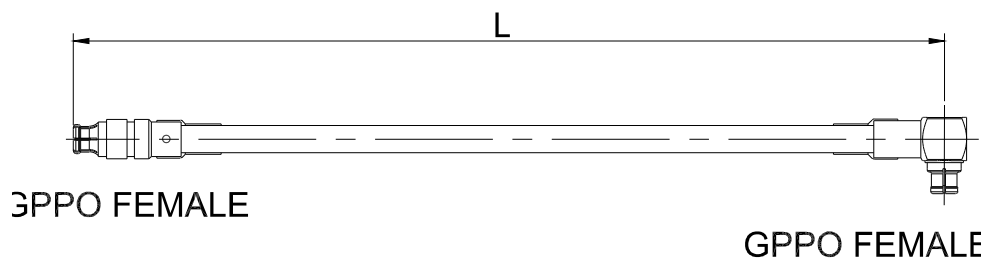


GPPO(Mini-SMP) Female to GPPO(Mini-SMP) Right Angle Female P/N: **GA712-GPPFGPPWF-XXX**
Cable Assembly | .086" Semi-Flexible Coax Cable with FEP Jacket |
DC - 40GHz



Dimensions are in mm

Connectors Configuration

	Connector 1	Connector 2
Connector Series	GPPO(Mini-SMP)	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Right Angle
Connector Body Material	Beryllium Copper	Beryllium Copper
Connector Body Plating	Gold	Gold

Cable Configuration

Cable Type	.086" Semi-Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	Solid extruded PTFE
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
Jacket Material	FEP
Cable Diameter (mm)	2.54
Cable Color	Blue
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	> -110dB @ 1GHz

GPPO(Mini-SMP) Female to GPPO(Mini-SMP) Right Angle Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz **P/N: GA712-GPPFGPPWF-XXX**

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	12dB to 40GHz	1.32dB to 40GHz
150	±3			1.63dB to 40GHz
200	±3			1.94dB to 40GHz
250	±3			2.26dB to 40GHz
300	±5			2.56dB to 40GHz
400	±5			3.2dB to 40GHz
500	±5			3.82dB to 40GHz

Enviromental Specifications

RoHS Compliant

Yes

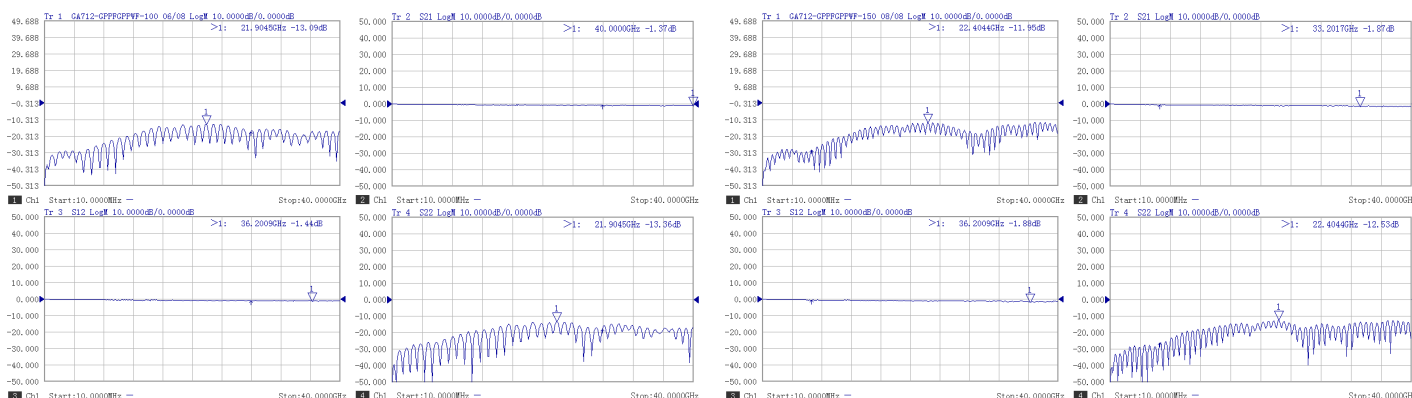
Operating Temperature Range

-40°C to +155°C

MIL/STD

N/A

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 100 mm

*Note: Test Cable Assembly Length = 150 mm